

9/1/01

**SAMPLING FRESHLY MIXED CONCRETE
AASHTO T 141**

APPARATUS

- [] Sample Container for transport
- [] Mixing Pan or Wheel Barrow
- [] Square Bit Shovel

PROCEDURE -- STATIONARY MIXERS

- [] Sample obtained by diverting the discharge into a sample container at the plant
- [] Sample obtained from one portion of the middle of the batch
- [] If sample obtained by collecting two or more portions of the batch, the samples are taken from the middle of the batch, and the elapsed time between the first and final portions is as short as possible and does not exceed 15 minutes.
- [] Sample remixed with shovel in pan or wheel barrow

PROCEDURE -- REVOLVING DRUM TRUCK MIXERS

- [] Sample obtained at the plant or common testing facility
- [] If sample obtained from the truck, the sample is taken from one portion of the batch after at least 9 cubic feet has been discharged
- [] If sample obtained by collecting two or more portions of the batch from the truck, the samples are taken from the middle of the batch, and the elapsed between the first and final portions is as short as possible and does not exceed 15 minutes
- [] If sample obtained at the point of placement, the sample is taken from one portion of the batch that is placed in the bridge structure or on the pavement subbase
- [] If sample obtained by collecting two or more portions of the batch at the point of placement, the samples are taken from the middle of the batch that is placed in the bridge structure or on the pavement subbase and the elapsed time between the first and final portions is as short as possible and does not exceed 15 minutes

PROCEDURE -- STARTING TESTS

- [] Slump or air content test started within 5 minutes after obtaining sample
- [] Molding specimens for strength tests started within 15 minutes after obtaining sample
- [] Sample protected from sun, wind, and other sources of rapid evaporation, and from contamination

NA - Not Applicable
X - Requires Corrective Action
√ - Satisfactory

Acceptance Technician

INDOT

Date

Comments _____

